PATENT COOPERATION TREATY

PCT

TRANSLATION INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference P05226200	FOR FURTHER ACTION	See Form PCT/IPEA/416				
International application No.	International filing date (day/month/year)	Priority date (day/month/year)				
PCT/JP2005/002075	10.02.2005	10.02.2004				
International Patent Classification (IPC) or national classification and IPC						
G01T1/29, G01R33/035, G21K5/00, G21K5/04, H01J37/04, H01L21/027						
Applicant						
MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.						
 This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36. 						
2. This REPORT consists of a total of sheets, including this cover sheet.						
3. This report is also accompanied by A	3. This report is also accompanied by ANNEXES, comprising:					
a. (sent to the applicant an	d to the International Bureau) a total of 3	sheets, as follows:				
sheets of the descri	ption, claims and/or drawings which have been a	-				
sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).						
sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond						
the disclosure in the Box.	ne international application as filed, as indicated	in item 4 of Box No. I and the Supplemental				
b. (sent to the Internationa	Bureau only) a total of (indicate type and numbe	er of electronic carrier(s))				
		.,,				
, containing a sequence listing and/or tables related thereto, in computer readable form only, as indicated in the Supplemental Box Relating to Sequence Listing (see						
Section 802 of the Administrative Instructions).						
4. This report contains indications rela	ting to the following items:					
Box No. I Basis of th	Box No. I Basis of the report					
Box No. II Priority						
Box No. III Non-estab	Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability					
Box No. IV Lack of un	Box No. IV Lack of unity of invention					
BON 110. 1						
Box No. VI Certain do	Certain documents cited					
Box No. VII Certain de	Certain defects in the international application					
Box No. VIII Certain ob	Box No. VIII Certain observations on the international application					
Date of submission of the demand Date of completion of this report						
Name and mailing address of the IPEA/JP	Authorized officer	Authorized officer				
Facsimile No.	Telephone No.	Telephone No.				

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.
PCT/JP2005/002075

Box	No. I	Basis of the report				
1.		h regard to the language, this report is based on the internation cated under this item.	onal application in the language in v	which it was filed, unless otherwise		
	This report is based on translations from the original language into the following language which is the language of a translation furnished for the purposes of: international search (Rule 12.3 and 23.1(b))					
		publication of the international application (Rule 12.4	1)			
		international preliminary examination (Rule 55.2 and	/or 55.3)			
2.	rece	h regard to the elements of the international application, this report is based on (replacement sheets which have been furnished to the eiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to report): the international application as originally filed/furnished				
	\boxtimes	the description:				
		pages1,2,5-12		as originally filed/furnished		
		pages* 3,4	received by this Authority on	09.09.2005		
		pages*	received by this Authority on			
	\boxtimes	the claims:				
		nos. 6-15		as originally filed/furnished		
		nos.*	as amended (together	with any statement) under Article 19		
		nos.* 1-3	received by this Authority on	09.09.2005		
		nos.*	_			
	\square					
		the drawings:				
				as originally filed/furnished		
			received by this Authority on _			
		sheets*	received by this Authority on			
	Ш	a sequence listing and/or any related table(s) - see Supplement	nental Box Relating to Sequence Li	sting.		
3.	\boxtimes	The amendments have resulted in the cancellation of:				
		the description, pages	the description, pages			
		the claims, nos. 4,5	the claims, nos. 4,5			
		the drawings, sheets/figs	the drawings, sheets/figs			
		the sequence listing (specify):				
4.		This report has been established as if (some of) the amend they have been considered to go beyond the disclosure as fi	dments annexed to this report and	listed below had not been made, since		
		the description, pages				
		the claims, nos.				
		the drawings, sheets/figs				
		the sequence listing (specify):				
		any table(s) related to sequence listing (specify):				
*	If ite	em 4 applies, some or all of those sheets may be marked "sup				

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

- 2. Citations and explanations (Rule 70.7)
 - Document 1: JP 3-67410 A (Nippon Telegraph And Telephone Corp.), 22 March 1991, entire text and fig. 1 (Family: none)
 - Document 2: L. HAO; J. C. MACFARLANE; D. A. Peden; R. A. M. LEE; J. C.GALLOP; and C. CARR, "Design and Performance of an HTS Current Comparator for Charged-particle Beam Measurements," IEEE Transactions on Applied Superconductivity, Vol. 11, No. 1, March 2001, pages 635 to 638
 - Document 3: JP 48-29808 Y1 (Tokyo Shibaura Electric Co., Ltd.), 10 September 1973, entire text and fig. 1 (Family: none)

The inventions set forth in claims 1 to 3 and 6 to 15 are not disclosed in any of the documents that are cited in the international search report; therefore, the inventions in question are novel and involve an inventive step. In particular, neither the configuration of the magnetic field sensor set forth in claim 1 nor the configuration of the magnetic field collecting mechanism set forth in claim 1 is disclosed in document 2, which can be considered to be the most closely related prior art document.